



Conservation Security Program (CSP)



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Rhode Island CSP Water Quality Checklist for Cropland

If you answer “NO” to any question (and are not told to proceed or skip to a future question), you do not currently meet the water quality requirements to enter into CSP in Rhode Island.

Nutrients

1. **Do you have soil test results for at least one year out of the last three cropping years (2002, 2003, 2004)?**

☐Yes ☐No

Copies of soil test results must be available for review and verification by NRCS prior to acceptance into CSP

2. **Do you have records of your fertilizer applications (including compost and manure) two out of the last three years?**

☐Yes ☐No

Records must be available for review and verification by NRCS prior to acceptance into CSP.

3. **Have you applied fertilizer, manure and/or compost according to soil test recommendations and/or a nutrient management plan?**

☐Yes ☐No

4. **Do you apply nutrients (fertilizer, compost and/or manure) to any fields with highly leachable soils (see attachment)?**

☐Yes ☐No If yes, go to next question. If no, skip to question #6.

5. **If you irrigate the fields with highly leachable soils, do you follow an Irrigation Water Management plan where you control the amount and timing of your irrigation activities based on rainfall and/or soil moisture levels?**

☐Yes ☐No

If applicable, irrigation records must be available for review and verification by NRCS prior to acceptance into CSP.

6. **Do you have at least a 35' wide vegetated buffer between your cropland fields where phosphorus based fertilizer or manure are applied and any streams?**

☐Yes ☐No

Aerial photo interpretation will be used during your CSP interview to verify the presence of buffers.

Pesticides

7. **Do you have records of your pesticide applications two out of the last three years?**

☐Yes ☐No

Records must be available for review and verification by NRCS prior to acceptance into CSP.

8. **Do you use any pesticides that are considered intermediate, high, or extra hazard to human health, due to leaching, based on WIN PST analysis ?** If yes, do you use:

Intermediate _____; High _____ or Extra High _____ in sensitive areas (check all categories that apply that are within 200 feet of public drinking water well, or 100 feet of private well)?

☐Yes ☐No

If yes, to Intermediate or High, proceed to next question. If yes to Extra High, you are not eligible to participate in CSP in these fields.

9. **Do you irrigate the same areas where these pesticides are used?**

☐Yes ☐No If yes, proceed to next question. If no, skip to question #11.

10. **For areas that you answered yes to both of the above questions, do you follow an Irrigation Water Management plan where you control the amount and timing of your irrigation activities based on rainfall and/or soil moisture levels?**

☐Yes ☐No

If applicable, irrigation records must be available for review and verification by NRCS prior to acceptance into CSP.

11. **Do you use any pesticides that are considered Intermediate, High, or Extra High hazard to fish, due to surface or adsorbed runoff, based on WIN PST analysis ?**

☐Yes ☐No

If no, skip to next question. If yes, do you have at least 35' wide vegetated buffers in place between field edges and streams?

12. **Do you spray any pesticides with a mister? Yes or No. If no, skip to next question. If yes, are treed buffers in place adjacent to streams to prevent pesticide drift from reaching water courses?**

☐Yes ☐No

NRCS will verify presence of windbreak or buffer through aerial interpretation at time of CSP interview.

Sediment as a pollutant

13. **Are gullies present, and if so, stabilized on your cropland and pastureland areas on your farm?**

☐Yes ☐No

NRCS will verify presence or absence of gullies on your farm, and if present, refer to historical photos to determine whether or not they are progressing to assess this question.

2005 - Conservation Security Program (CSP)

Highly Leachable Soils in Providence County

** Providence County (off GIS Soils Database)

| <u>Soil Map Unit</u> | <u>Soil Name / Description</u> |
|----------------------|--|
| Aa | Aa Adrian muck |
| AfA | Agawam fine sandy loam, 0 to 3 percent slopes |
| AfB | Agawam fine sandy loam, 3 to 8 percent slopes |
| BhA | Bridgehampton silt loam, 0 to 3 percent slopes |
| BhB | Bridgehampton silt loam, 3 to 8 percent slopes |
| BmA | Bridgehampton silt loam, till substratum, 0 to 3 percent slopes |
| BmB | Bridgehampton silt loam, till substratum, 3 to 8 percent slopes |
| BnB | Bridgehampton-Charlton complex, very stony, 0 to 8 percent slopes |
| BnC | Bridgehampton-Charlton complex, very stony, 8 to 15 percent slopes |
| BoC | Bridgehampton-Charlton complex, extremely stony, 3 to 15 percent slopes |
| CaC | Canton-Charlton-Rock outcrop complex, 3 to 15 percent slopes |
| CaD | Canton-Charlton-Rock outcrop complex, 15 to 35 percent slopes |
| CB | Canton-Urban land complex |
| CC | Canton-Urban land complex, very rocky |
| CdA | Canton and Charlton fine sandy loams, 0 to 3 percent slopes |
| CdB | Canton and Charlton fine sandy loams, 3 to 8 percent slopes |
| CdC | Canton and Charlton fine sandy loams, 8 to 15 percent slopes |
| CeC | Canton and Charlton fine sandy loams, very rocky, 3 to 15 percent slopes |
| ChB | Canton and Charlton very stony fine sandy loams, 3 to 8 percent slopes |

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|-----|--|
| ChC | Canton and Charlton very stony fine sandy loams, 8 to 15 percent slopes |
| ChD | Canton and Charlton very stony fine sandy loams, 15 to 25 percent slopes |
| CkC | Canton and Charlton extremely stony fine sandy loams, 3 to 15 percent slopes |
| Co | Carlisle muck |
| Dc | Deerfield loamy fine sand |
| EfA | Enfield silt loam, 0 to 3 percent slopes |
| EfB | Enfield silt loam, 3 to 8 percent slopes |
| GBC | Gloucester-Bridgehampton complex, rolling |
| GBD | Gloucester-Bridgehampton complex, hilly |
| GhC | Gloucester-Hinckley very stony sandy loams, rolling |
| GhD | Gloucester-Hinckley very stony sandy loams, hilly |
| HkA | Hinckley gravelly sandy loam, 0 to 3 percent slopes |
| HkC | Hinckley gravelly sandy loam, rolling |
| HkD | Hinckley gravelly sandy loam, hilly |
| HnC | Hinckley-Enfield complex, rolling |
| MmA | Merrimac sandy loam, 0 to 3 percent slopes |
| MmB | Merrimac sandy loam, 3 to 8 percent slopes |
| MU | Merrimac-Urban land complex |
| NaA | Narragansett silt loam, 0 to 3 percent slopes |
| NaB | Narragansett silt loam, 3 to 8 percent slopes |
| NbB | Narragansett very stony silt loam, 0 to 8 percent slopes |
| NbC | Narragansett very stony silt loam, 8 to 15 percent slopes |
| NcC | Narragansett extremely stony silt loam, 3 to 15 percent slopes |

| | |
|-----|---|
| Nt | Ninigret fine sandy loam |
| Pg | Pits, quarries |
| Pp | Podunk fine sandy loam |
| QoA | Quonset gravelly sandy loam, 0 to 3 percent slopes |
| QoC | Quonset gravelly sandy loam, rolling |
| ScA | Scio silt loam, 0 to 3 percent slopes |
| SdB | Scio very stony silt loam, 0 to 8 percent slopes |
| Ss | Sudbury sandy loam |
| StA | Sutton fine sandy loam, 0 to 3 percent slopes |
| StB | Sutton fine sandy loam, 3 to 8 percent slopes |
| SuB | Sutton very stony fine sandy loam, 0 to 8 percent slopes |
| SvB | Sutton extremely stony fine sandy loam, 0 to 8 percent slopes |
| Tb | Tisbury silt loam |
| UAB | Udipsamments |
| WbA | Wapping silt loam, 0 to 3 percent slopes |
| WbB | Wapping silt loam, 3 to 8 percent slopes |
| WcB | Wapping very stony silt loam, 0 to 8 percent slopes |
| WdB | Wapping extremely stony silt loam, 0 to 8 percent slopes |
| WgA | Windsor loamy sand, 0 to 3 percent slopes |
| WgB | Windsor loamy sand, 3 to 8 percent slopes |